

Work Order ID 163873

Monday, July 10, 2017 12:37:42 PM

163873

Page 1

Item ID: D350-607-143 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: AS350/AS355 Automatic Lid Opener (Long & Short Basket, split lid)
 Start Date: 7/20/2017 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 7/28/2017 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: W Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D350-607-1	A								
100	Document Control	0.00							
100									
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile &type labels per PPP D350-607-143 CHG001								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.03							
Quality Control									

DAS
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JUL 21 2017

JUL 20 2017
DAS
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DAS
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9-89
JUL 21 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																						
Large Fab ☐	Composite ☐	Supplier ☐																							
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition																					
V200-1000				700-1000				Completed By																	
								Lead hand / Supervisor Approval Verification																	
								QC / QA Coordinator Approval																	
Root Cause		FAULT CATEGORY																							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : ☐																			

Work Order ID 163873***163873***

Page 2

Monday, July 10, 2017 12:37:43 PM

Item ID: D350-607-143 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: AS350/AS355 Automatic Lid Opener (Long & Short Basket, split lid)
Start Date: 7/20/2017 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 7/28/2017 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <u>Fg023</u>	0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D350-607-143 Location: _____ PPP rev: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.10							
Quality Control									

17/7/24 *[Signature]*

[Signature] JUL 21 2017

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QS1042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : _____							

Picklist Print

Monday, July 10, 2017 12:37:40 PM

Page 1

Work Order ID: 163873

163873

Parent Item: D350-607-143

D350-607-143

Parent Item Name: AS350/AS355 Automatic Lid Opener (Long & Short Basket, split lid)

Start Date: 7/20/2017

Required Date: 7/28/2017

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP RevA: New issue DD verified by:EC
per dwg revC DD 10.01.18 verified by:EC
545 DD 10.04.19 verified by:EC

IPP RevB: as
IPP Rev:C as per ecn10-

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3953-7 *D3953-7* Spring Spacer		Manufactured	No			110	Each	45.0000	1	1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST060		19							
				154160		19							
				ST064A		26							
				155761		26							
D3953-3 *D3953-3* Gas Spring Stud, Lid		Manufactured	No			110	Each	69.0000	1	1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST060		9							
				158669		9							
				ST60A		60							
				160625		60							
D3953-5 *D3953-5* Gas Spring Stud, Base		Manufactured	No			110	Each	7.0000	1	1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST060		7							
				124030		1							
				149558		6							

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JUL 20 2017

JUL 20 2017

JUL 20 2017

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS					
				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐		
				Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐		
				Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐		
				Large Fab ☐	Composite ☐	Supplier ☐			
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition					
FORM 01-001								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								

Picklist Print

Monday, July 10, 2017 12:37:40 PM

Page 2

Work Order ID: 163873

163873

Parent Item: D350-607-143

D350-607-143

Parent Item Name: AS350/AS355 Automatic Lid Opener (Long & Short Basket, split lid)

Start Date: 7/20/2017

Required Date: 7/28/2017

Start Qty: 1.00

Required Qty: 1.00

D3953-9 Manufactured No

110

Each

64.0000

2

2

D3953-9

Gas Spring Washer

DAS
27
9-89

Location

Loc Qty

Loc Code

ST060

64

158715

17

161969

47

**

JUL 20 2017

DAS
6
9-89

D3953-11 Manufactured No

110

Each

18.0000

1

1

D3953-11

Gas Spring Spacer

DAS
27
9-89

Location

Loc Qty

Loc Code

ST060

18

105464

18

**

JUL 20 2017

DAS
6
9-89

D3953-15 Manufactured No

110

Each

16.0000

1

1

D3953-15

Gas Spring Bracket

DAS
27
9-89

Location

Loc Qty

Loc Code

ST060

16

99186

16

**

JUL 20 2017

DAS
6
9-89

D3953-17 Manufactured No

110

Each

11.0000

1

1

D3953-17

Gas Spring Spacer

DAS
27
9-89

Location

Loc Qty

Loc Code

ST060

11

159089

11

**

JUL 20 2017

DAS
6
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																																													
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval																																																																											
Description Work Order Deviation			Disposition																																																																												
7105 0 5 JUL			Completed By																																																																												
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<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: left;">Root Cause</th> <th colspan="3" style="text-align: left;">FAULT CATEGORY</th> </tr> </thead> <tbody> <tr> <td style="width: 15%;">Environment ☐</td> <td style="width: 15%;">No Re-verification ☐</td> <td style="width: 15%;">Pressure/Forced ☐</td> <td style="width: 15%;">Temperature/Cure ☐</td> <td style="width: 15%;">Power Loss/Surge ☐</td> <td style="width: 15%;">Positioned Wrong ☐</td> </tr> <tr> <td>Design ☐</td> <td>Operator ☐</td> <td>Bending ☐</td> <td>Set-up ☐</td> <td>Folio/Program ☐</td> <td>Outside Dimensions ☐</td> </tr> <tr> <td>Doc/Data ☐</td> <td>Offset/Setup ☐</td> <td>Centre Not Concentric ☐</td> <td>BOM/Route ☐</td> <td>Grain ☐</td> <td>Over/Under tolerance ☐</td> </tr> <tr> <td>Equip/Tooling ☐</td> <td>Supplier ☐</td> <td>Cracks ☐</td> <td>Broken/Damage/Defect ☐</td> <td>Weld ☐</td> <td>Part Incorrect ☐</td> </tr> <tr> <td>Handling/Pre ☐</td> <td>Training ☐</td> <td>Crimp/Kink/Ripple/Wave ☐</td> <td>Inspection Incomplete/Unqualified ☐</td> <td>Wrong Stock Pulled ☐</td> <td>Part Lost/Missing ☐</td> </tr> <tr> <td>Material ☐</td> <td>Use for Testing ☐</td> <td>Cuffs ☐</td> <td>Contamination ☐</td> <td>Out of Sequence ☐</td> <td>Part Moved ☐</td> </tr> <tr> <td>Internal Transport ☐</td> <td>Poor Information ☐</td> <td>Crushing ☐</td> <td>Countersink ☐</td> <td>Off-set ☐</td> <td>Drawing ☐</td> </tr> <tr> <td>Tribal Knowledge ☐</td> <td>Rushing ☐</td> <td>Heat Treat ☐</td> <td>Cut Too Short ☐</td> <td>Mislabeled ☐</td> <td>Finish ☐</td> </tr> <tr> <td>LOA ☐</td> <td>Product Improvement ☐</td> <td>Wave/Twist in Tube ☐</td> <td>Instructions Incomplete/Unclear ☐</td> <td>Fit/Function ☐</td> <td>Misread ☐</td> </tr> <tr> <td>Substation ☐</td> <td>Process Improvement ☐</td> <td>Marks/Chatter ☐</td> <td>Drill Holes ☐</td> <td>Misaligned/off center ☐</td> <td>Turning Sequence ☐</td> </tr> <tr> <td>Past Expiry Date ☐</td> <td>Manufacturing Process ☐</td> <td colspan="4" rowspan="2" style="text-align: center; vertical-align: top;">OTHER : _____</td> </tr> <tr> <td>Misidentified ☐</td> <td>Past Due ☐</td> </tr> </tbody> </table>						Root Cause			FAULT CATEGORY			Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____				Misidentified ☐	Past Due ☐
Root Cause			FAULT CATEGORY																																																																												
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Picklist Print

Monday, July 10, 2017 12:37:40 PM

Work Order ID: 163873

163873

Parent Item: D350-607-143

D350-607-143

Parent Item Name: AS350/AS355 Automatic Lid Opener (Long & Short Basket, split lid)

Start Date: 7/20/2017

Required Date: 7/28/2017

Start Qty: 1.00

Required Qty: 1.00

D3969-1 Manufactured No

110 Each 13.0000 1 1

D3969-1

Spring (Basket Lid)

**

DAS
6
9-89

JUL 20 2017

Location Loc Qty Loc Code

ST364 13

141700 1

149668 6

160155 6

DAS
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9-89

AN3C11A Purchased No

110 Each 24.0000 2 2

AN3C11A

BOLT

**

DAS
6
9-89

JUL 20 2017

Location Loc Qty Loc Code

ST349 24

M132035 24

DAS
27
9-89

AN3C15A Purchased No

110 Each 24.0000 2 2

AN3C15A

Bolt

**

DAS
6
9-89

JUL 20 2017

Location Loc Qty Loc Code

ST348 24

M125374 24

DAS
27
9-89

AN310-4 Purchased No

110 Each 93.0000 2 2

AN310-4

Nut

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DAS
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9-89

JUL 20 2017

Location Loc Qty Loc Code

GA 25

M127815 25

ST331 68

M133361 18

M137735 50

DAS
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QA Closed: _____ Date: _____

DART
AEROSPACE

Work Order update only

Work Order: _____		DISPOSITION		AGAINST DEPARTMENT/PROCESS								
Part No. _____		Rework	☐	Skid-tube	☐	Cross tube	☐	Water Jet	☐	Engineering	☐	
		Scrap	☐	Machining	☐	Small Fab	☐	Prod. Eng. Coord.	☐	Quality	☐	
NCR No. _____		Use-as-is	☐	Thermoforming	☐	Finishing	☐	Rec/Store/Packaging	☐	Other	☐	
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Date : _____	Step #: _____	QTY Effective : _____							MRB (QS1042) Approval			
Description Work Order Deviation				Disposition								
											Completed By	
											Lead hand / Supervisor Approval Verification	
											QC / QA Coordinator Approval	
Root Cause				FAULT CATEGORY								
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐	
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions	☐	
Doc/Data	☐	Offset/Set-up	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance	☐	
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Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐	
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved	☐	
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing	☐	
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish	☐	
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread	☐	
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐	
Past Expiry Date	☐	Manufacturing Process	☐									
Misidentified	☐	Past Due	☐	OTHER :								

Picklist Print

Monday, July 10, 2017 12:37:41 PM

Page 4

Work Order ID: 163873

163873

Parent Item: D350-607-143

D350-607-143

Parent Item Name: AS350/AS355 Automatic Lid Opener (Long & Short Basket, split lid)

Start Date: 7/20/2017

Required Date: 7/28/2017

Start Qty: 1.00

Required Qty: 1.00

MS21043-3

Purchased

No

110

Each

590.0000

4

4

MS21043-3

Nut

**

Location

Loc Qty

Loc Code

FG

80

103691

80

FP001

119

m136182

119

GA

84

m136182

84

ST302

307

m137459

7

m137587

300

DAS
27
9-89

JUL 20 2017 *ml* DAS
6

MS24665-2-12

Purchased

No

110

Each

154.0000

2

2

MS24665-2-12

COTTER PIN

**

Location

Loc Qty

Loc Code

ST289

154

125044

154

DAS
27
9-89

JUL 20 2017 *ml* DAS
6
9-89
2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table border="0"> <tr> <td>Skid-tube ☐</td> <td>Cross tube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																															
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Picklist Print

Monday, July 10, 2017 12:37:41 PM

Work Order ID: 163873

163873

Parent Item: D350-607-143

D350-607-143

Parent Item Name: AS350/AS355 Automatic Lid Opener (Long & Short Basket, split lid)

Start Date: 7/20/2017

Required Date: 7/28/2017

Start Qty: 1.00

Required Qty: 1.00

NAS1149C0332R

Purchased

No

110

Each

4,856.000

4

4

NAS1149C0332R

WASHER

**

JUL 20 2017

DAS
27
9-89

Location

Loc Qty

Loc Code

FP001

534

m137597

534

GA

508

m133284

22

m136444

486

ST260a

3000

m137851

2000

m137951

1000

ST266

814

m137381

814

NAS1149C0432R

Purchased

No

110

Each

1,153.000

2

2

NAS1149C0432R

WASHER

**

JUL 20 2017

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

341

m134676

341

ST266

812

m137459

812

2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval																																																										
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Misidentified ☐	Past Due ☐																																																																

6.3 D350-607-141/-143/-145 AUTOMATIC LID OPENER INSTL

Qty -141	Qty -143	Qty -145	Part Number	Description
X			D350-607-141	AUTOMATIC LID OPENER INSTL (FOR USE ON -041 BASKET)
	X		D350-607-143	AUTOMATIC LID OPENER INSTL (FOR USE ON -043/-047 BASKET)
		X	D350-607-145	AUTOMATIC LID OPENER INSTL (FOR USE ON -045 BASKET)
2		1	D3953-1	GAS SPRING BRACKET
2	1	1	D3953-3	GAS SPRING STUD (LID)
2	1	1	D3953-5	GAS SPRING STUD (BASE)
2	1	1	D3953-7	GAS SPRING SPACER
4	2	2	D3953-9	GAS SPRING WASHER
2	1	1	D3953-11	GAS SPRING SPACER
2		1	D3953-13	GAS SPRING SPACER
	1		D3953-15	GAS SPRING BRACKET
	1		D3953-17	GAS SPRING SPACER
2	1	1	D3969-1	GAS SPRING
4	2	2	AN3C11A	BOLT
	2		AN3C15A	BOLT
4		2	AN3C16A	BOLT
4	2	2	AN310-4	CASTELLATED NUT
8	4	4	MS21043-3	NUT
4	2	2	MS24665-212	COTTER PIN
8	4	4	NAS1149C0332R	WASHER (OR AN960C10L)
4	2	2	NAS1149C0432R	WASHER (OR AN960C416L)

Work Order ID 163873

Monday, July 10, 2017 12:37:42 PM

163873

Page 1

Item ID: D350-607-143 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: AS350/AS355 Automatic Lid Opener (Long & Short Basket, split lid)
 Start Date: 7/20/2017 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 7/28/2017 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: W Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D350-607-1	A								
100	Document Control	0.00							
100									
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP D350-607-143 CHG001								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.03							
Quality Control									

DAS
5
9-89

JUL 21 2017



Transport Canada

Transports Canada

Department of Transport

Supplemental Type Certificate

This approval is issued to:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ontario
Canada K6A 1K7

Number: SH94-14

Issue No.: 7

Approval Date: May 20, 1994

Issue Date: April 29, 2015

Responsible Office:

Prairie and Northern

Aircraft/Engine Type or Model:

Airbus Helicopters AS 350 B, B1, B2, B3, BA, D; AS 355 E, F, F1, F2, N, NP; EC 130 B4 and T2.

Canadian Type Certificate or Equivalent:

H-83 (AS 350 Series, EC 130 B4 and T2)
H-87 (AS 355 Series)

Description of Type Design Change:

Heli-Utility Basket and Long Cargo Tube Installation

**Installation/Operating Data,
Required Equipment and Limitations:**

AS 350/355 models

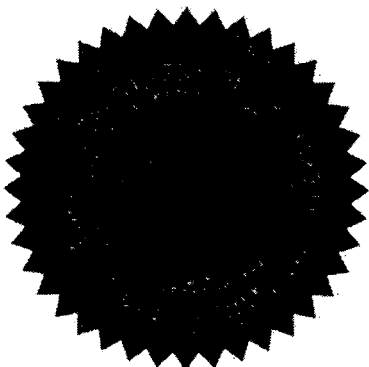
Installation of the Heli-Utility Basket and Long Cargo Tube kits must be in accordance with Transport Canada Civil Aviation (TCCA) approved Dart Aerospace Ltd. D350-607 Revision J, dated December 6, 2013 or later TCCA approved revision.

Maintenance of the Heli-Utility Basket and Long Cargo Tube kits must be in accordance with TCCA accepted Dart Aerospace Ltd. ICA-D350-607 Revision 5, dated December 2, 2013 or later TCCA accepted revision.

Operation of the Heli-Utility Basket and Long Cargo Tube kits on AS 350 models must be in accordance with TCCA approved Dart Aerospace Ltd. Flight Manual Supplement FMS-D350-607 Revision G, dated December 6, 2013 or later TCCA approved revision.

Operation of the Heli-Utility Basket and Long Cargo Tube kits on AS 355 models must be in accordance with TCCA approved Dart Aerospace Ltd. Flight Manual Supplement FMS-D355-607 Revision G, dated December 6, 2013 or later TCCA approved revision.

- See Continuation Sheet -



Conditions: This approval is only applicable to the type/model of aeronautical product specified therein. Prior to incorporating this modification, the installer shall establish that the interrelationship between this change and any other modification(s) incorporated **will not** adversely affect the airworthiness of the modified product.

Scott W. Wales
For Minister of Transport

Canada